

Title (en)
BACKSHEET FOR SOLAR CELL MODULE AND SOLAR CELL MODULE

Title (de)
RÜCKSEITENBLATT BZW. BACKSHEET FÜR EIN SOLARZELLENMODUL UND SOLARZELLENMODUL

Title (fr)
FEUILLE ARRIERE POUR MODULE DE CELLULE SOLAIRE ET MODULE DE CELLULE SOLAIRE

Publication
EP 2309551 A1 20110413 (EN)

Application
EP 09770159 A 20090623

Priority
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Abstract (en)
To provide a lightweight and highly productive backsheet for a solar cell module, wherein a cured coating film layer of a fluoropolymer coating material formed on one or each side of a substrate sheet is free from problems such as cracking, fracturing, whitening and separation. A back sheet for a solar cell, comprising a substrate sheet and a cured coating film layer of a coating material formed on one side or each side of the substrate sheet, said coating material comprising a fluoropolymer (A) having repeating units based on a fluoroolefin (a), repeating units based on a crosslinkable group-containing monomer (b) and repeating units based on an alkyl group-containing monomer (c) wherein a C 2-20 linear or branched alkyl group having no quaternary carbon atom, and a polymerizable unsaturated group are linked to each other by an ether bond or ester bond; and a solar cell module using such a backsheet.

IPC 8 full level
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CPC (source: EP US)
H01L 31/049 (2014.12 - EP US); **Y02E 10/50** (2013.01 - EP US); **Y10T 428/3154** (2015.04 - EP US)

Cited by
EP2746322A1; EP2535947A4; EP2704209A4; EP2824717A1; WO2014095809A1; EP2824716A1; WO2015003918A1; EP2824713A1; WO2015003915A1; EP3185310A1; WO2017108471A1; EP3506372A1

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